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FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$) 120.00

Complete if Known

Application Number	09/375,614
Filing Date	8/17/99
First Named Inventor	AY Tonkovich, et al.
Examiner Name	Not Assigned
Group / Art Unit	1764
Attorney Docket No.	B-1479

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-1275
Deposit Account Name Battelle Memorial Institute
Pacific Northwest Division

☒ Charge Any Additional
Fee Required Under
37 CFR 1.16 and 1.17

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 760	201 380	Utility filing fee	
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 760	208 380	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
<input type="checkbox"/> -20** = <input type="checkbox"/> X <input type="checkbox"/>			
<input type="checkbox"/> -3** = <input type="checkbox"/> X <input type="checkbox"/>			
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 78	202 39	Independent claims in excess of 3	
104 260	204 130	Multiple dependent claim, if not paid	
109 78	209 39	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	65.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	55.00
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	
149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 120.00

SUBMITTED BY

Typed or Printed Name Stephen R. May

Signature Stephen R. May

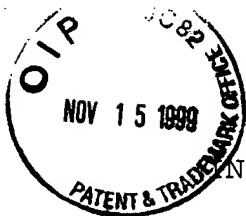
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Complete (if applicable)

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sector

[Handwritten mark]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
AY Tonkovich, Y Wang,) Art Unit:
SP Fitzgerald, JL Marco,) Examiner:
GL Roberts, DP Vanderwiell,) Paper No:
and RS Wegeng)
S. N. 09/375,614)
Filed: August 17, 1999)
For: A CHEMICAL REACTOR AND) Our Ref. No: B-1479
METHOD FOR GAS PHASE)
REACTANT CATALYTIC REACTIONS) Date: November 5, 1999

CERTIFICATE OF MAILING

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- [X] Combined Declaration and Power of Attorney
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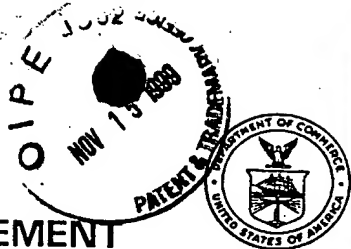
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Janice K. Laybourn
Signature

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Date Deposited

Janice K. Laybourn K1-53
Intellectual Property Services
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Pacific Northwest Laboratories
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Richland, WA 99352
(509) 375-2655



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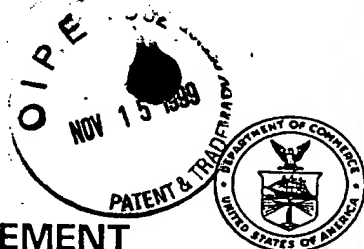
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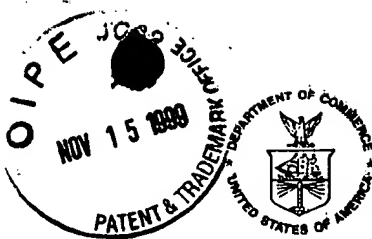
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/375,614	08/17/99	1764	\$380.00	B-1479	3	13	2

PAUL W ZIMMERMAN
BATTELLE MEMORIAL INSTITUTE
PO BOX 999
RICHLAND WA 99352

FFD: 8/17/00
IDS: 11/17/99
Docket ☒ N gm
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Number N/A

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Applicant(s) ANNALEE Y. TONKOVICH, RESIDENCE NOT PROVIDED.

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TITLE
A CHEMICAL REACTOR AND METHOD FOR GAS PHASE REACTANT CATALYTIC REACTIONS

PRELIMINARY CLASS: 422

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